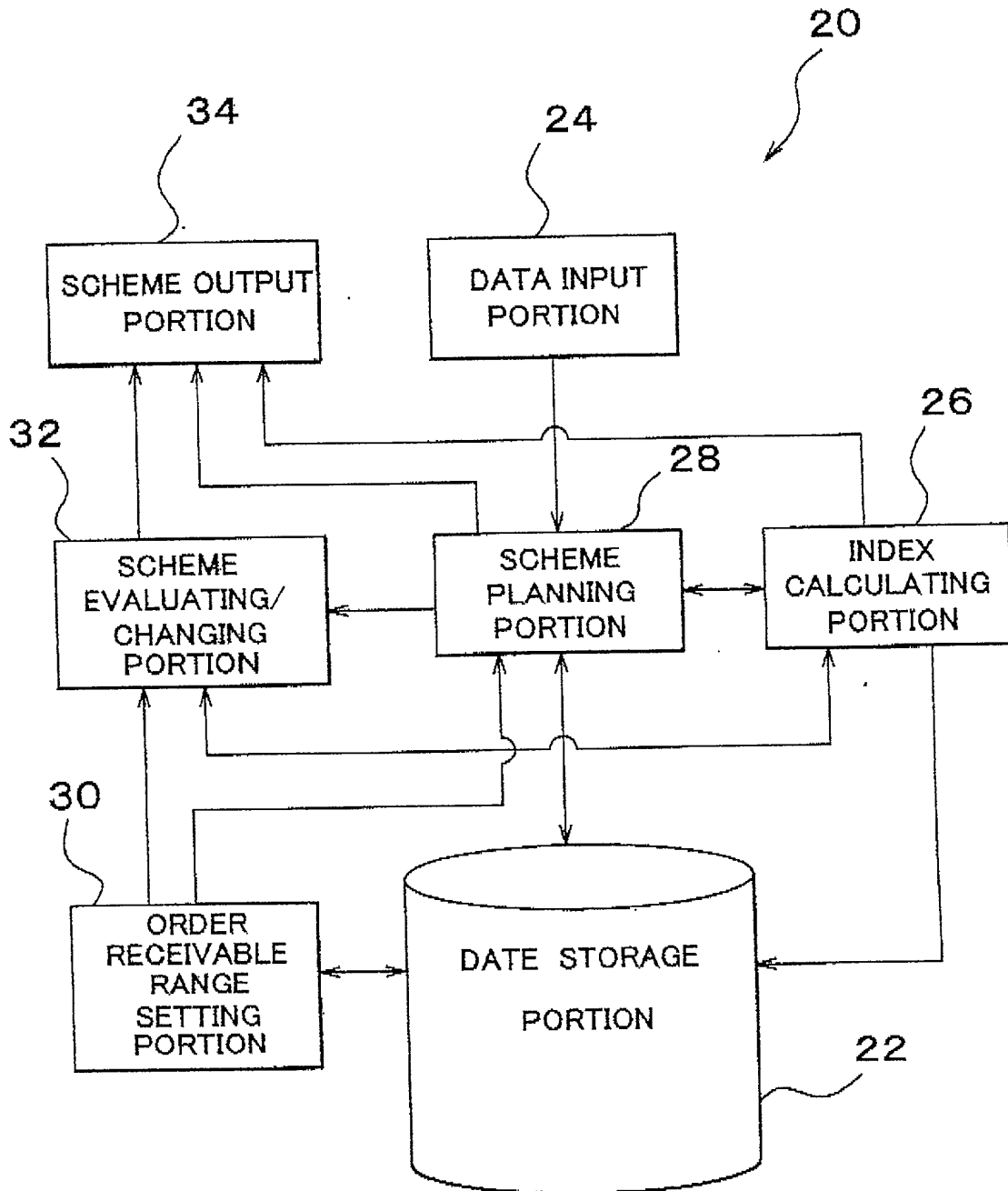


FIG. 1



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FIG. 2

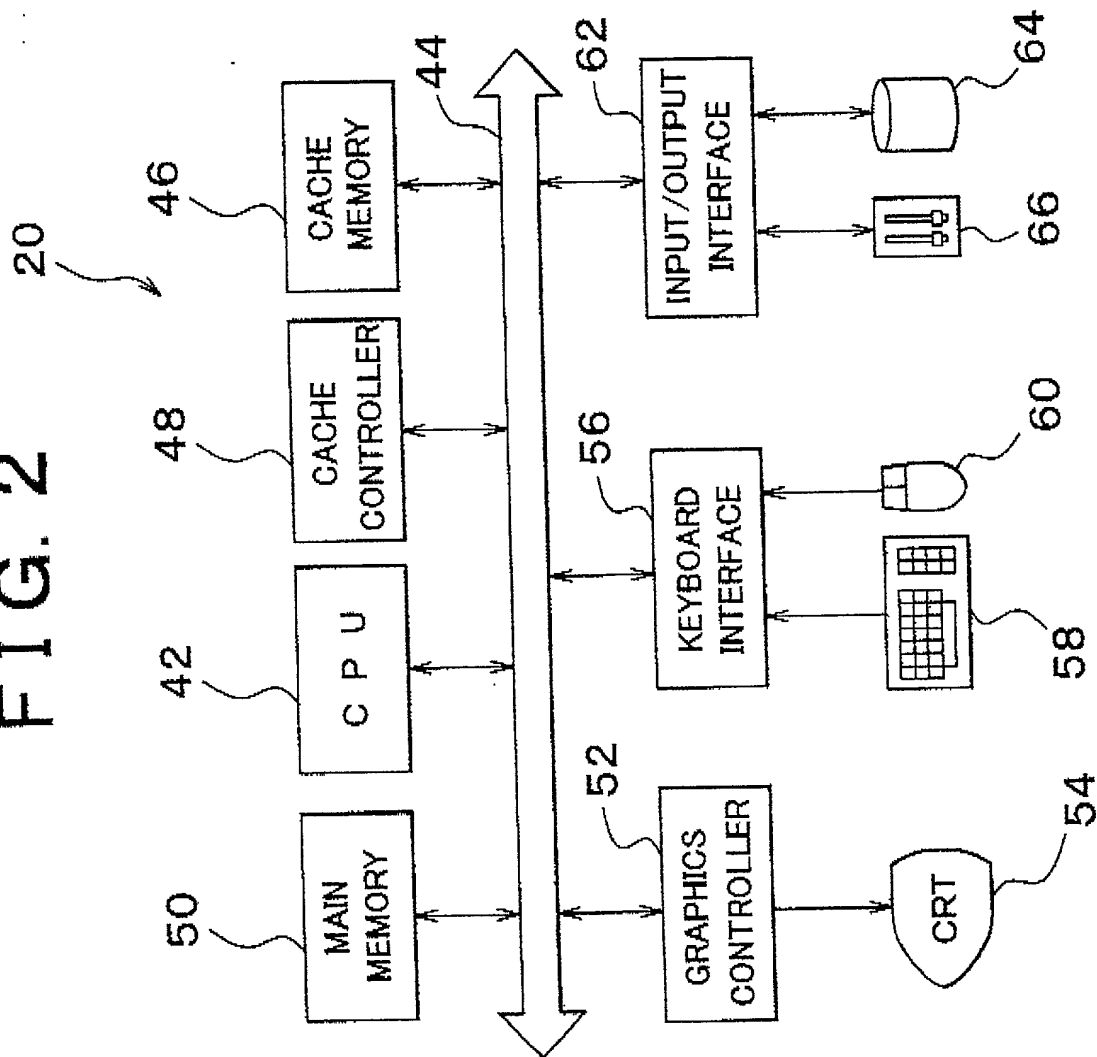


FIG. 3

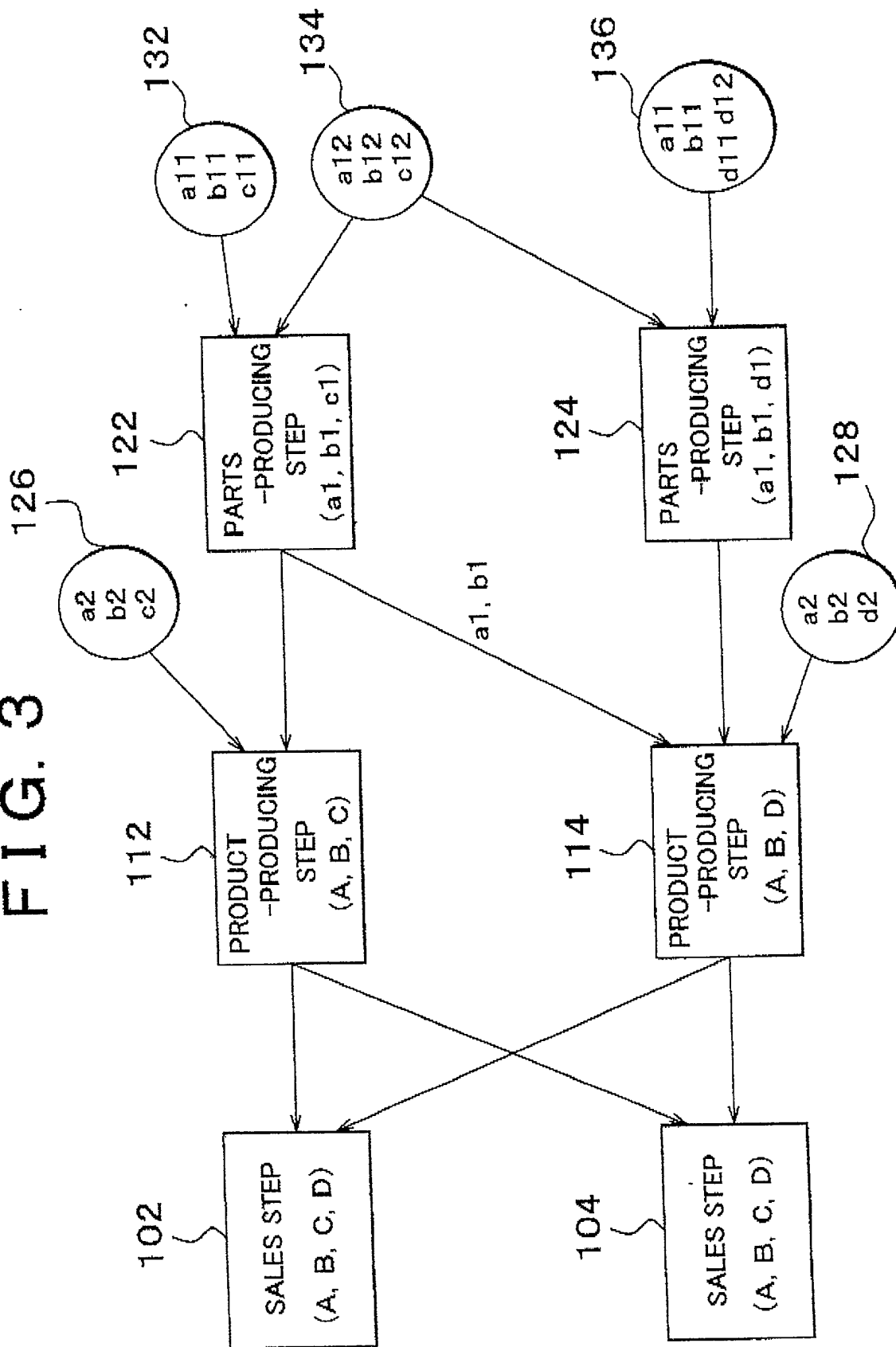
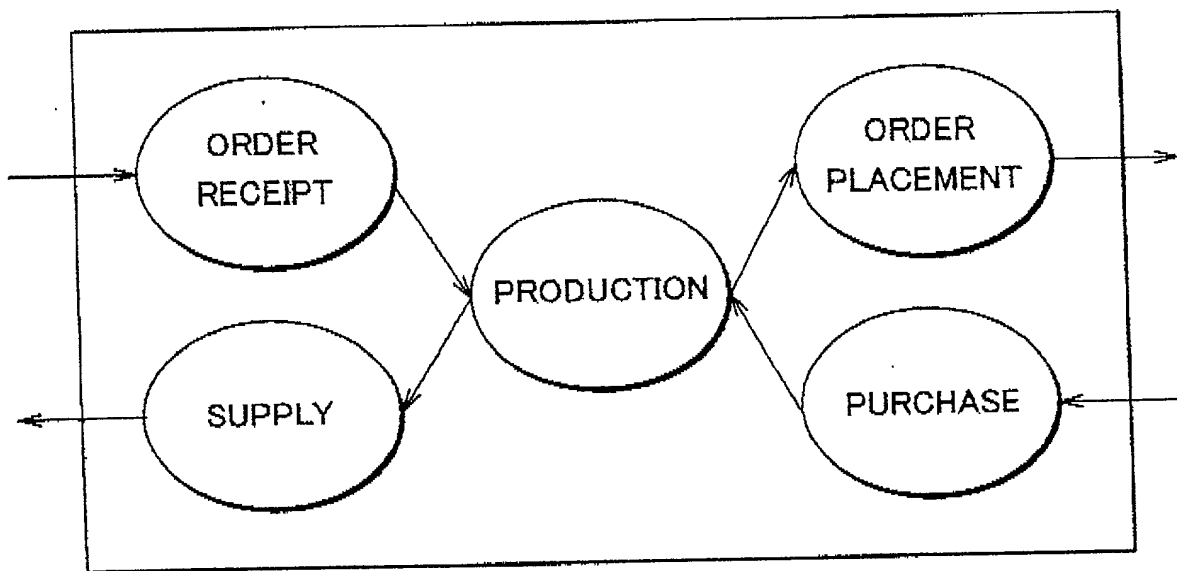
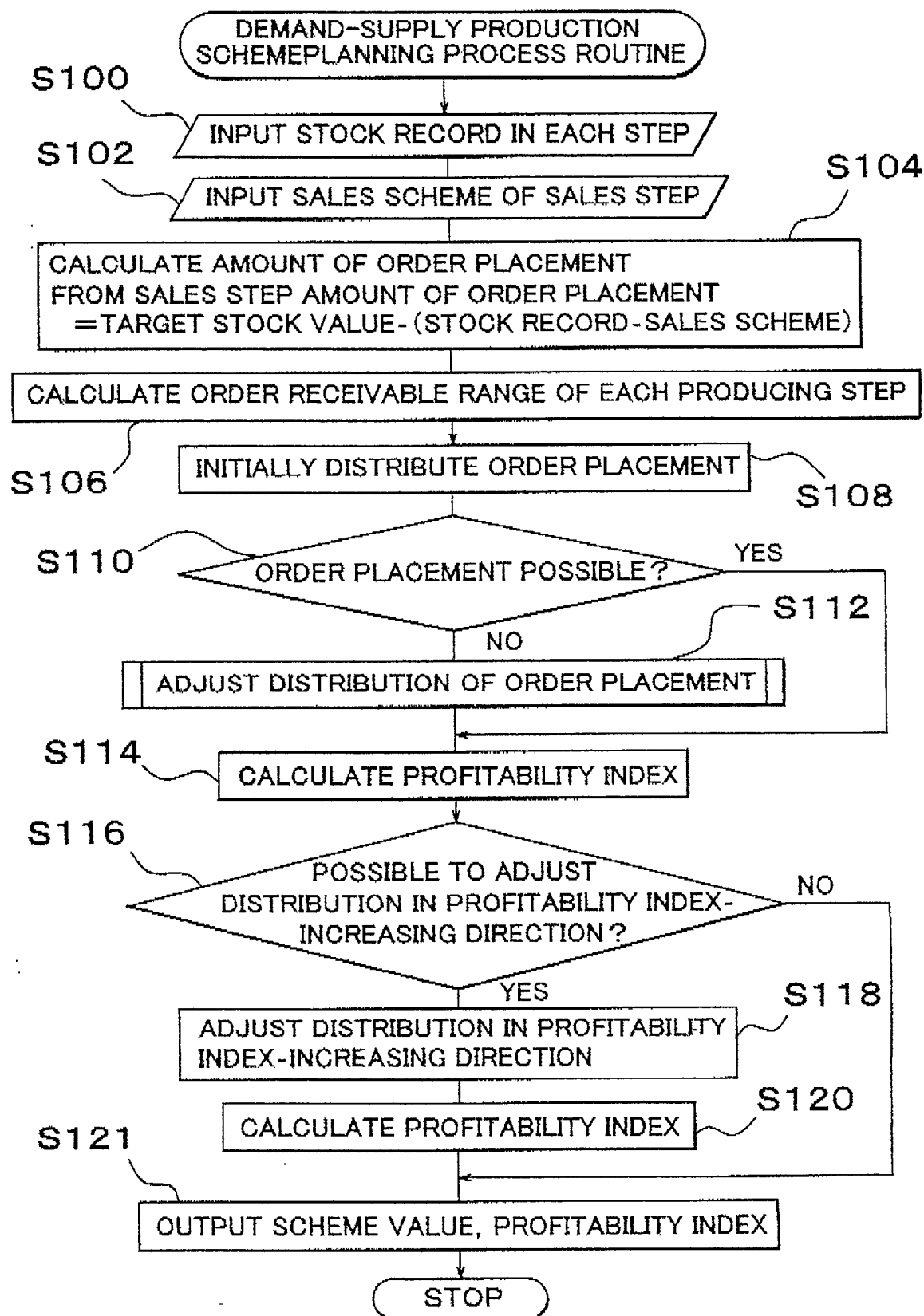


FIG. 4



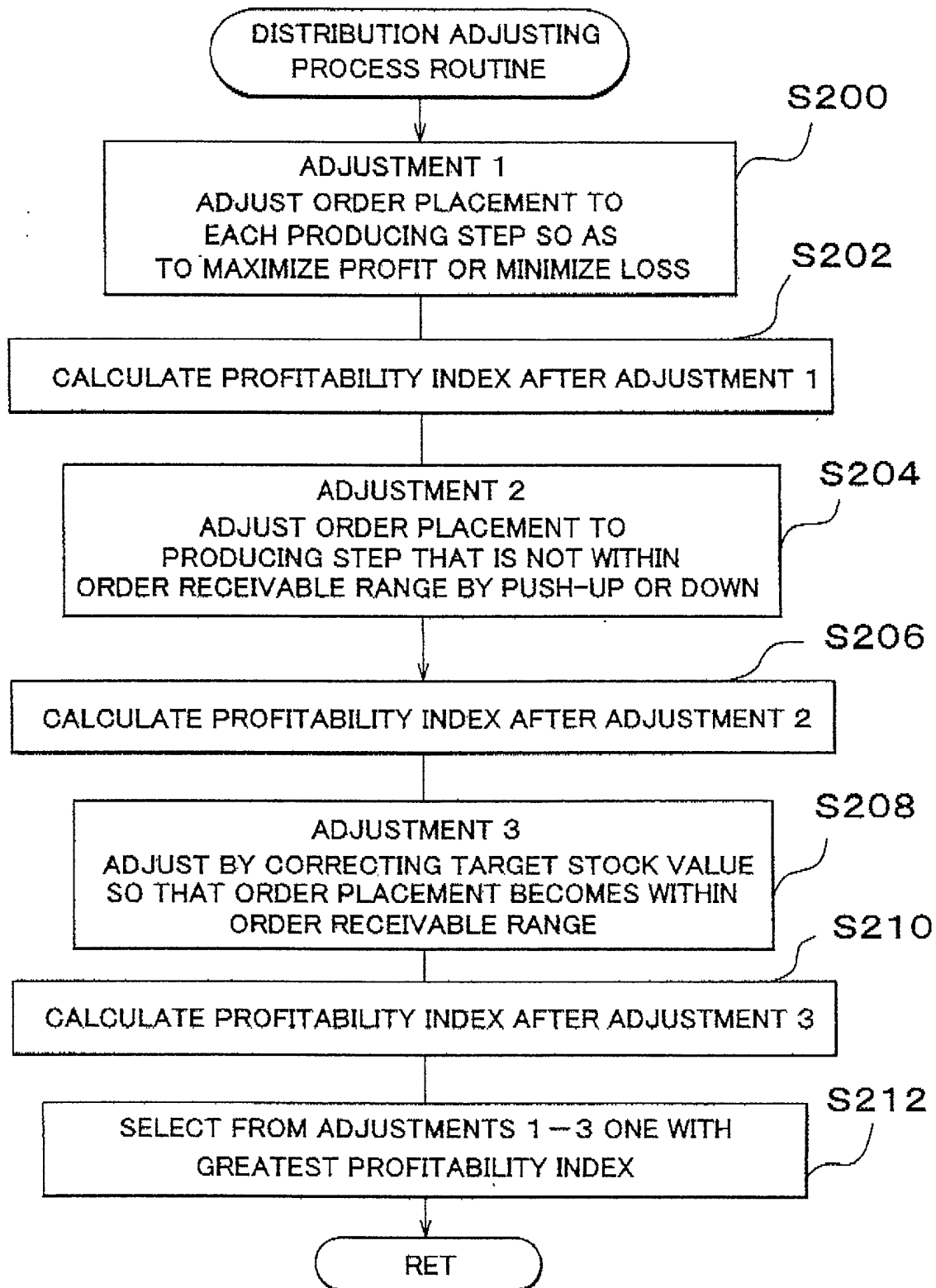
005021" 00852/50

FIG. 6



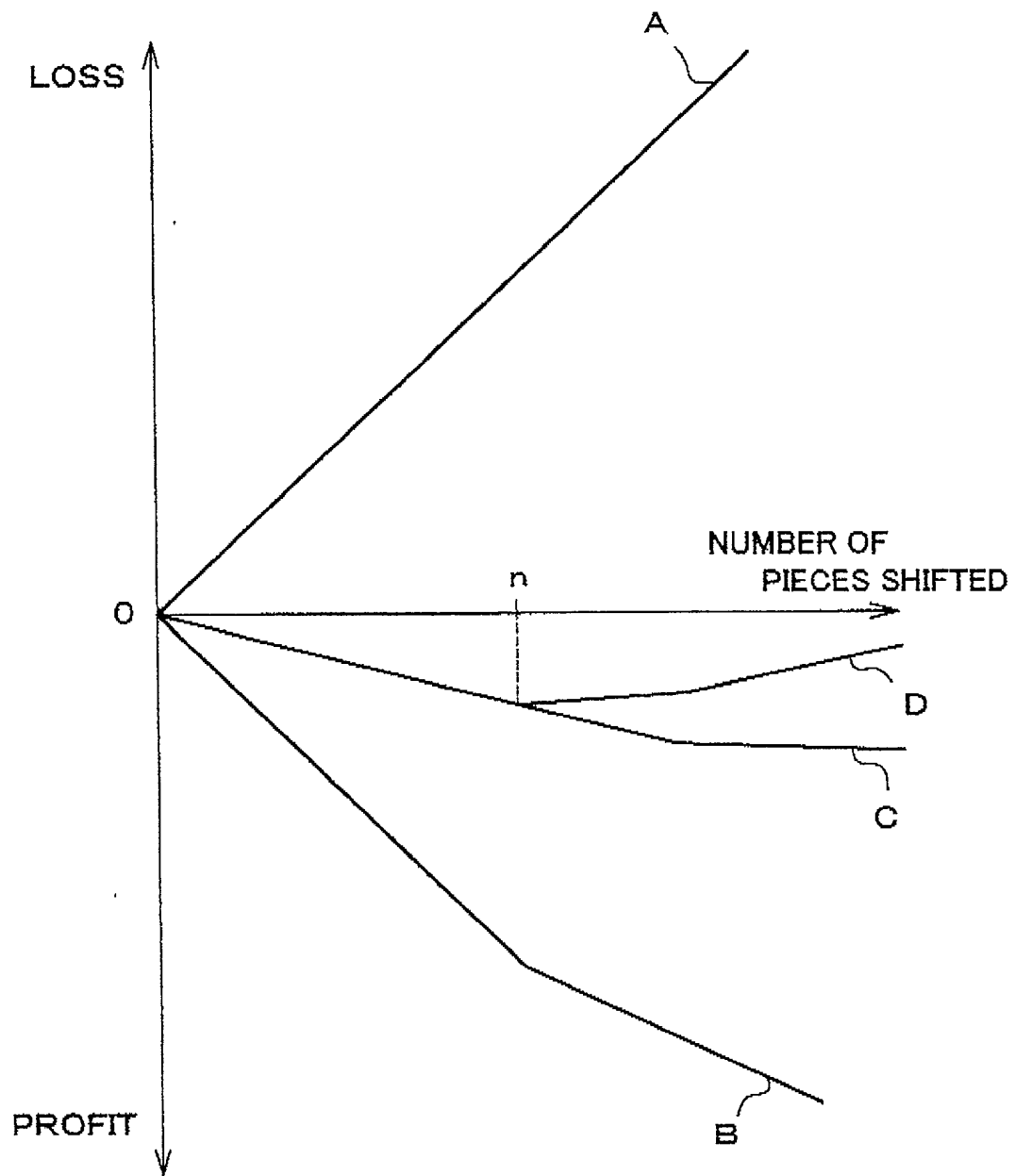
003021" 00862/60

FIG. 7



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FIG. 8



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FIG. 9

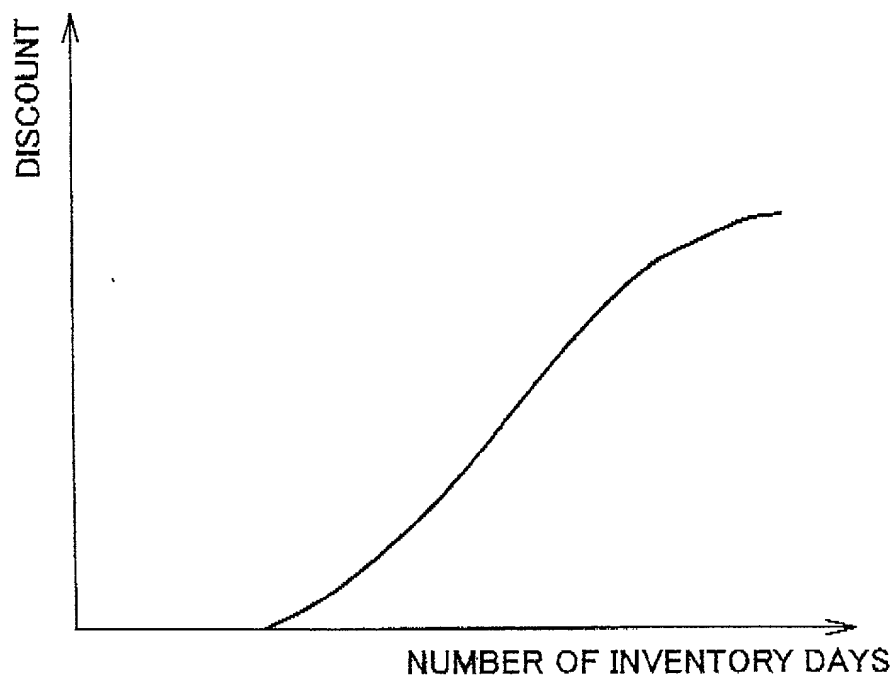


FIG. 10

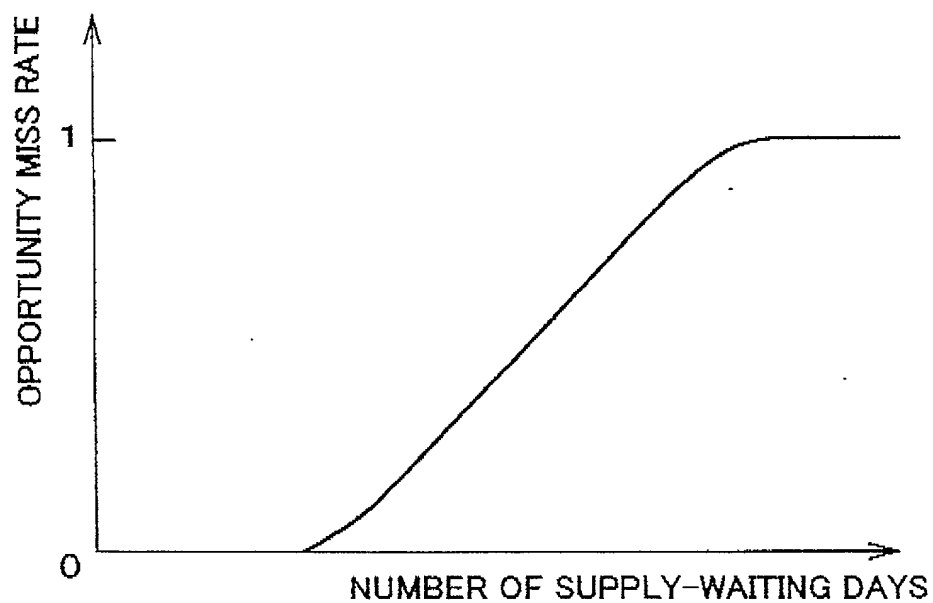


FIG. 11

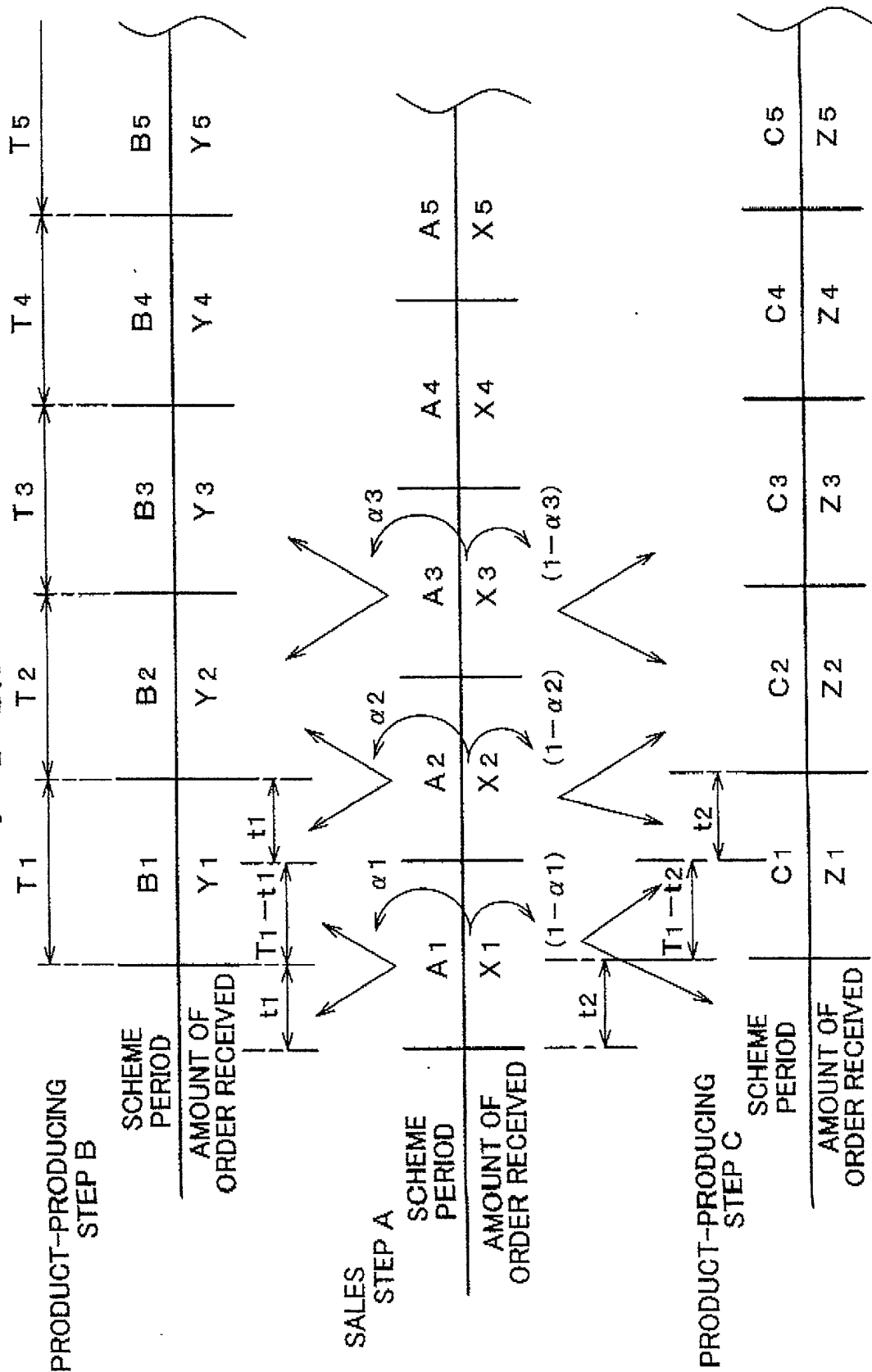
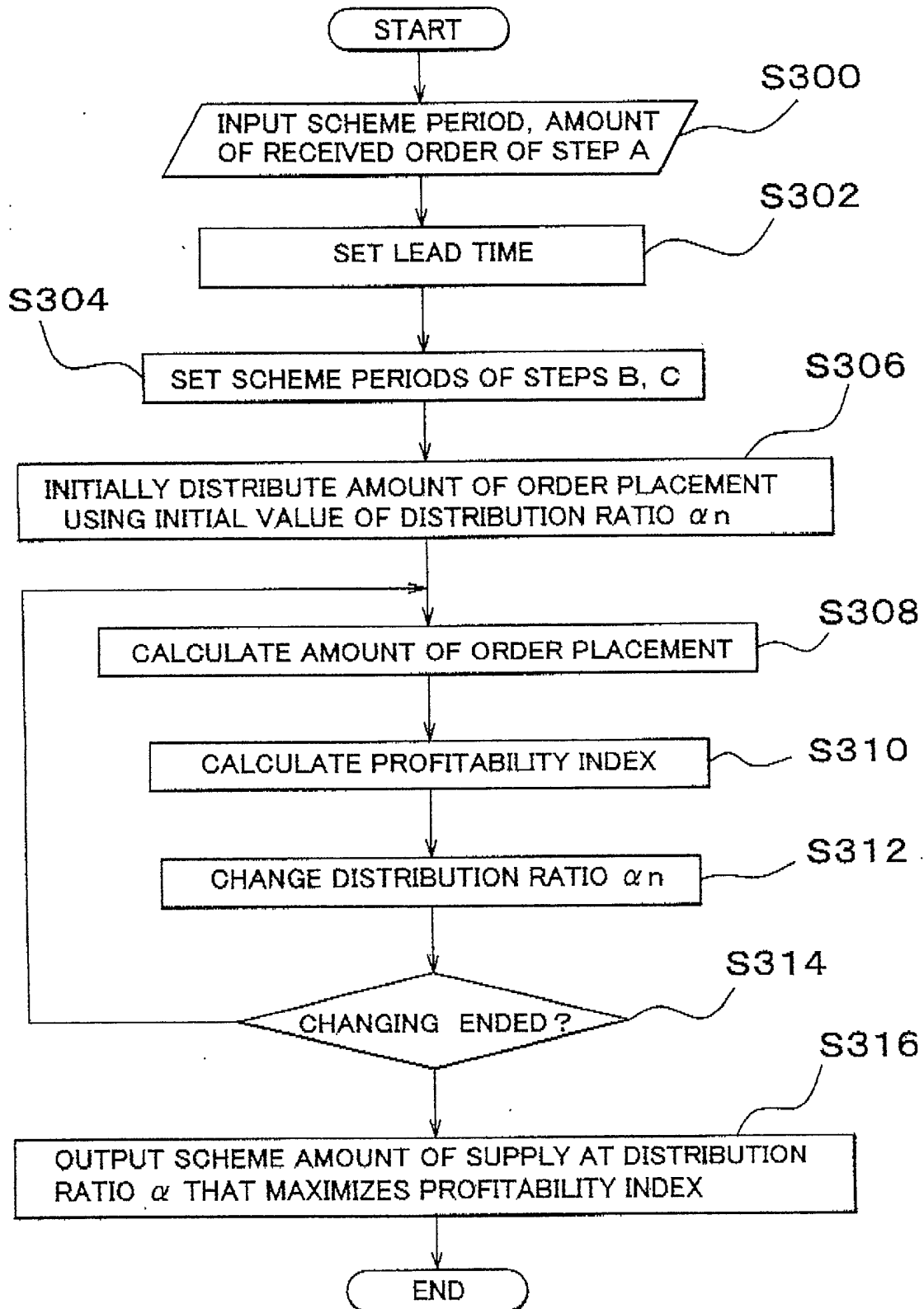
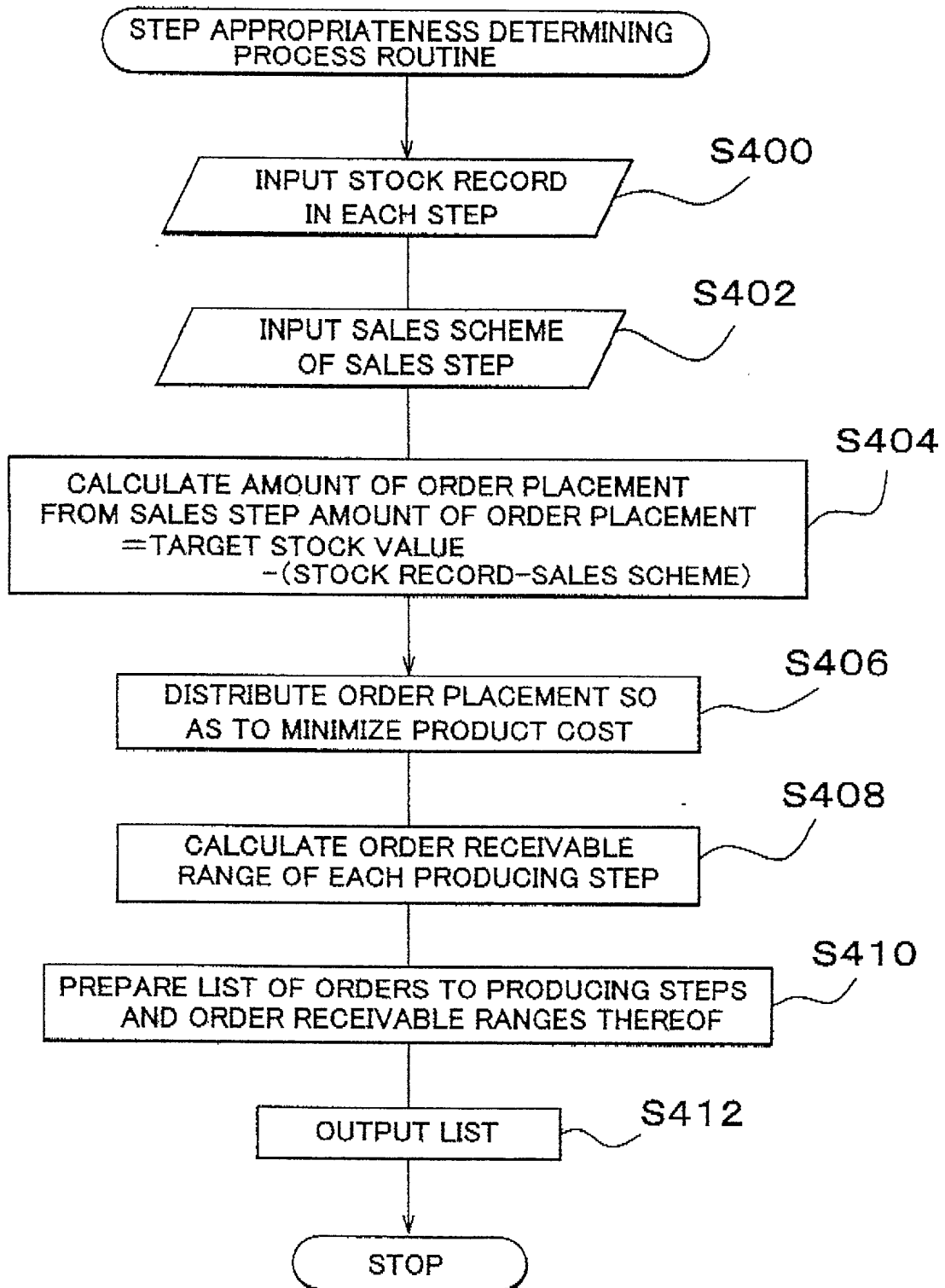


FIG. 12



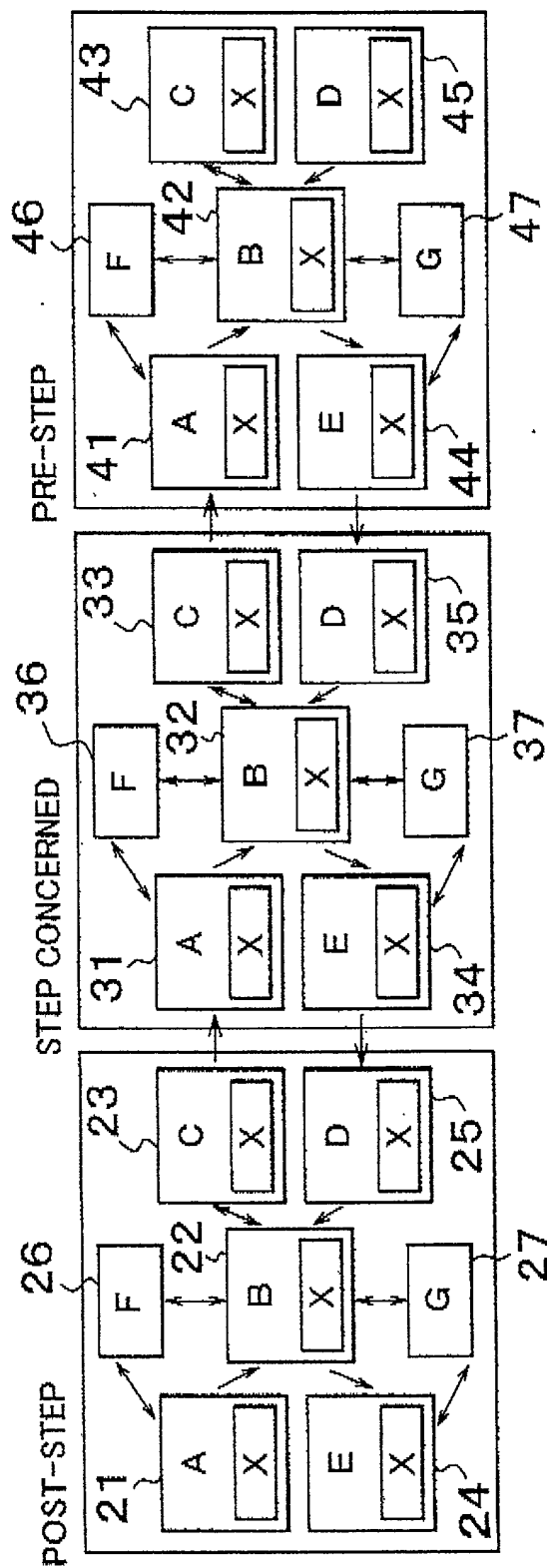
00902T"00862/60

FIG. 13



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FIG. 14



- A: ORDER RECEIPT SCHEME PROCESSING STEP
- B: PRODUCTION SCHEME PROCESSING STEP
- C: ORDER PLACEMENT SCHEME PROCESSING STEP
- D: PURCHASE SCHEME PROCESSING STEP
- E: SUPPLY SCHEME PROCESSING STEP
- F: ORDER RECEIPT BALANCE RETAINING PORTION
- G: NUMBER-OF-STOCK RETAINING PORTION
- X: RESTRICTING CONDITION

FIG. 15

RESTRICTING CONDITION TABLE

CONDITION VALUE	MAXIMUM	NORMAL	MINIMUM
NORMAL WORKING TIME [HOUR/DAY]		A	
NORMAL CAPABILITY [OUTPUT/DAY]	C m a x	C n o r	C m i n
OVERTIME [HOUR/DAY]	O m a x		
HOLIDAY WORKING [DAY/MONTH]	H m a x		

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Variable	Mean	Standard Deviation	Minimum	Maximum
Age	34.5	10.2	22	55
Gender	0.5	0.5	0	1
Marital Status	0.6	0.5	0	1
Education	12.5	1.5	10	15
Income	3500	1500	1000	7000
Health	0.8	0.2	0	1
Smoking	0.3	0.5	0	1
Alcohol	0.2	0.4	0	1
Exercise	0.4	0.5	0	1
Stress	0.6	0.5	0	1
Depression	0.3	0.5	0	1
Loneliness	0.4	0.5	0	1
Life Satisfaction	0.7	0.3	0	1
Quality of Life	0.8	0.2	0	1
Overall Health	0.9	0.1	0	1

Variable	Mean	Standard Deviation	Minimum	Maximum
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